

ABSTRACT

An electromechanical Braille cell assembly includes a plurality of parallel bimorph reeds. A first plurality of bimorph reeds is mounted to a first side of a printed circuit board by a first plurality of clips and a second plurality of bimorph reeds is mounted to a second side of the printed circuit board by a second plurality of clips. A frame has a top wall, a bottom wall, a first side wall in the form of an angle wall and a second side wall in the form of a flat wall. Pinholes are formed in the angle wall to accommodate Braille pins and the flat wall is slotted to accommodate a plurality of printed circuit boards. A monolithic cap covers all of the Braille pins. Pinholes formed in the cap receive the respective tips of the Braille cells when actuated bimorph reeds cause displacement of the Braille pins.